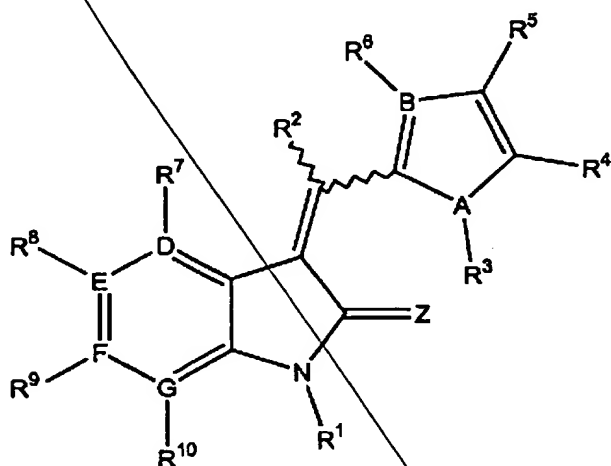


1. (Five times amended) An azaindole compound having the following chemical structure:



wherein,

A is selected from the group consisting of nitrogen, oxygen and sulfur and it is understood that when A is oxygen or sulfur, R^3 does not exist and there is no bond;

B, D, E, F and G are independently selected from the group consisting of carbon and nitrogen wherein only one of D, E, F and G is nitrogen and the other of D, E, F, and G are carbon, and it is understood that when B, D, E, F or G is nitrogen, R^6 , R^7 , R^8 , R^9 and R^{10} , respectively, do not exist and there is no bond;

Z is selected from the group consisting of oxygen, sulfur and NR^{11} wherein, R^{11} is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, hydroxy, alkoxy, aryloxy, $-C(=O)-R''$, $-C(=O)O-R''$, $R''C(=O)O-$, $-S(=O)_2R''$, $-C(=O)NR^{12}R^{13}$, $R^{12}R^{13}NC(=NH)-$, and trihalomethanesulfonyl;

R^1 is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, heteroaryl, heteroalicyclic, hydroxy, alkoxy, trihalomethanecarbonyl, trihalomethanesulfonyl, $-C(=O)O-R''$, $R''C(=O)O-$, $-S(=O)_2R''$, $-C(=O)NR^{12}R^{13}$, and $R^{12}R^{13}NC(=NH)-$;

R^2 is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl and halogen;

when A is nitrogen, R^3 is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, hydroxy, alkoxy, aryloxy, $-C(=O)-R''$, $-C(=O)O-R''$, trihalomethanesulfonyl, $R''C(=O)O-$, $-S(=O)_2R''$, $-C(=O)NR^{12}R^{13}$, and $R^{12}R^{13}NC(=NH)-$;

Sub F
E1 R^4 , R^5 , R^6 , R^7 , R^8 , R^9 and R^{10} are independently selected from the group consisting of hydrogen, alkyl, trihaloalkyl, cycloalkyl, alkenyl, alkynyl, aryl, heteroaryl, heteroalicyclic, hydroxy, alkoxy, aryloxy, thiohydroxy, thioalkoxy, $-R^{12}NC(=NH)NR^{13}R^{14}$, thioaryloxy, $-S(=O)R''$, $-S(=O)_2NR^{12}R^{13}$, $R^{12}S(=O)_2NR^{13}-$, trihalomethanesulfonyl, $-C(=O)-R''$, $-C(=O)O-R''$, $R''C(=O)O-$, $-S(=O)_2R''$, $-C(=O)NR^{12}R^{13}$, cyano, nitro, halo, amino, $-OC(=O)NR^{12}R^{13}$, $R^{12}OC(=O)NR^{13}-$, $-OC(=S)NR^{12}R^{13}$, $R^{12}OC(=S)NR^{13}-$, $R^{12}R^{13}NC(=NH)-$, $-NR^{12}C(=O)NR^{13}R^{14}$, $R^{12}C(=O)NR^{13}-$, $R^{12}C(=O)NR^{13}$ and $-NR^{12}R^{13}$;

wherein R'' is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, heteroaryl (bonded through a ring carbon) and heteroalicyclic (bonded through a ring carbon);

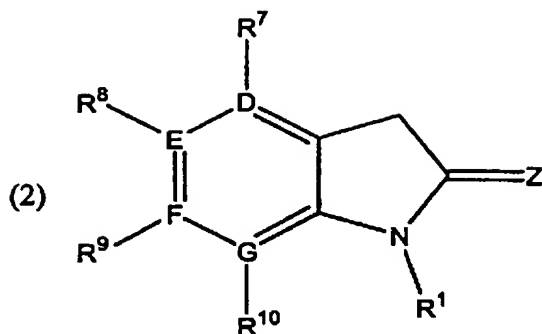
and wherein R^{12} , R^{13} , and R^{14} are independently selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, $-C(=O)-R''$, $-S(=O)_2R''$, and combined, a five or six membered heteroalicyclic ring containing at least one nitrogen;

and the physiologically acceptable salts thereof.

E2 5. (Twice Amended) The compound or salt of claim 4 wherein R^7 , R^8 , R^9 and R^{10} are independently selected from the group consisting of hydrogen, alkyl, alkoxy, thioalkoxy, nitro, amino and $R^{12}C(=O)NR^{13}-$.

E3 16. (Twice Amended) The compound or salt of claim 15 wherein R^4 , R^5 and R^6 are heteroaryl, aryloxy, thioalkoxy, halo or nitro.

E4 41. (Five times Amended) A method for synthesizing a compound of claim 1 comprising the step of reacting a first reactant with a second reactant in a solvent and in the presence of a base at elevated temperatures, wherein said first reactant has the structure set forth in formula



wherein

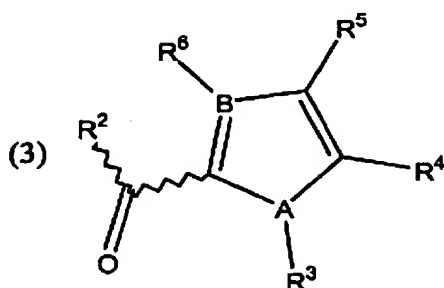
D, E, F and G are independently selected from the group consisting of carbon and nitrogen wherein only one of D, E, F and G is nitrogen and the other of D, E, F, and G are carbon, and it is understood that when D, E, F or G is nitrogen, R^7 , R^8 , R^9 and R^{10} , respectively, do not exist and there is no bond;

E4 R^7 , R^8 , R^9 and R^{10} are independently selected from the group consisting of hydrogen, alkyl, trihaloalkyl, cycloalkyl, alkenyl, alkynyl, aryl, heteroaryl, heteroalicyclic, hydroxy, alkoxy, aryloxy, thiohydroxy, thioalkoxy, thioaryloxy, $-S(=O)R''$, $-S(=O)_2NR^{12}R^{13}$, $R^{12}S(=O)_2NR^{13}-$, trihalomethanesulfonyl, $-C(=O)-R''$, $R^{12}C(=O)NR^{13}-$, $-C(=O)O-R''$, $R''C(=O)O-$, $-S(=O)_2R''$, $-C(=O)NR^{12}R^{13}$, cyano, nitro, halo, $-OC(=O)NR^{12}R^{13}$, $R^{12}OC(=O)NR^{13}-$, $-OC(=S)NR^{12}R^{13}$, $R^{12}OC(=S)NR^{13}-$, $R^{12}R^{13}NC(=NH)-$, $-R^{12}NC(=NH)NR^{13}R^{14}$, $-NR^{12}C(=O)NR^{13}R^{14}$, amino, and $-NR^{12}R^{13}$;

Z is selected from the group consisting of oxygen, sulfur and NR^{11} wherein, R^{11} is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, hydroxy, alkoxy, aryloxy, $-C(=O)-R''$, trihalomethanesulfonyl $-C(=O)O-R''$, $R''C(=O)O-$, $-S(=O)_2R''$, $-C(=O)NR^{12}R^{13}$, and $R^{12}R^{13}NC(=NH)-$;

R^1 is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, heteroaryl, heteroalicyclic, hydroxy, alkoxy, trihalomethanecarbonyl, trihalomethanesulfonyl $-C(=O)O-R''$, $R''C(=O)O-$, $-S(=O)_2R''$, $-C(=O)NR^{12}R^{13}$, and $R^{12}R^{13}NC(=NH)-$;

and wherein said second reactant is an acyl compound having the structure set forth in formula 3



wherein

A is selected from the group consisting of nitrogen, oxygen and sulfur and it is understood that when A is oxygen or sulfur, R^3 does not exist and there is no bond;

B is selected from the group consisting of carbon and nitrogen and it is understood that when B is nitrogen, R^6 does not exist and there is no bond;

R^2 is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl and halogen;

when A is nitrogen, R^3 is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, hydroxy, alkoxy, aryloxy, $-C(=O)-R''$, $-C(=O)O-R''$, $R''C(=O)O-$, $-S(=O)_2R''$, $-C(=O)NR^{12}R^{13}$, $R^{12}R^{13}NC(=NH)-$, and trihalomethanesulfonyl;

R^4 , R^5 , and R^6 are independently selected from the group consisting of hydrogen, alkyl, trihaloalkyl, cycloalkyl, alkenyl, alkynyl, aryl, heteroaryl, heteroalicyclic, hydroxy, alkoxy, aryloxy, thiohydroxy, thioalkoxy, thioaryloxy, $-S(=O)R''$, $-S(=O)_2NR^{12}R^{13}$, $R^{12}S(=O)_2NR^{13}-$, trihalomethanesulfonyl, $-C(=O)-R''$, $-S(=O)_2-R''$, $R^{12}C(=O)NR^{13}-$, cyano, nitro, halo, $-OC(=O)NR^{12}R^{13}$, $R^{12}OC(=O)NR^{13}-$, $-OC(=S)NR^{12}R^{13}$, $R^{12}OC(=S)NR^{13}-$, $-C(=O)O-R''$, $R''C(=O)O-$, $-C(=O)NR^{12}R^{13}$, $R^{12}R^{13}NC(=NH)-$, $-R^{12}NC(=NH)NR^{13}R^{14}$, $-NR^{12}C(=O)NR^{13}R^{14}$, amino and $-NR^{12}R^{13}$;

wherein R'' is selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, heteroaryl (bonded through a ring carbon) and heteroalicyclic (bonded through a ring carbon);

E4 and wherein R^{12} , R^{13} , and R^{14} are independently selected from the group consisting of hydrogen, alkyl, cycloalkyl, aryl, $-C(=O)-R''$, $-S(=O)_2R''$, and, combined, a five- or six-member heteroalicyclic ring containing at least one nitrogen.

47. (Once Amended) A compound selected from the group consisting of:

ES
3-(thien-2-methylidenyl)-4-aza-2-indolinone,
3-(1-methylpyrrol-2-methylidenyl)-4-aza-2-indolinone,
3-(2-methylthien-5-methylidenyl)-4-aza-2-indolinone,
3-(pyrrol-2-methylidenyl)-4-aza-2-indolinone,
3-(4-methylthien-2-methylidenyl)-4-aza-2-indolinone,
3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-4-aza-2-indolinone,
3-[4-(2-methoxycarbonyl-ethyl)-3-methylpyrrol-2-methylidenyl]-4-aza-2-indolinone,
3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-4-aza-2-indolinone,
3-(2-methylmercaptothien-5-methylidenyl)-4-aza-2-indolinone,
3-(2,3-dimethylthien-5-methylidenyl)-4-aza-2-indolinone,
3-(2-chlorothien-5-methylidenyl)-4-aza-2-indolinone,
3-(2,4-dimethylpyrrol-5-methylidenyl)-4-aza-2-indolinone,
3-(2-nitrothien-5-methylidenyl)-4-aza-2-indolinone,
3-(3-bromothien-2-methylidenyl)-4-aza-2-indolinone,
3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-4-aza-2-indolinone,
3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-4-aza-2-indolinone,
3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-4-aza-2-indolinone,
3-(3,4-dimethylpyrrol-2-methylidenyl)-4-aza-2-indolinone,
3-(2-ethylthien-5-methylidenyl)-4-aza-2-indolinone,
3-(2,4-diethylpyrrol-5-methylidenyl)-4-aza-2-indolinone,
3-(4-methylmercaptothien-2-methylidenyl)-4-aza-2-indolinone,
3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-4-aza-2-indolinone,
3-(2,4-diisopropylpyrrol-5-methylidenyl)-4-aza-2-indolinone,
3-(2,4-dimethylthien-5-methylidenyl)-4-aza-2-indolinone,
3-(2-ethyl-3-methylthien-5-methylidenyl)-4-aza-2-indolinone,
3-(2-isopropyl-3-methylthien-5-methylidenyl)-4-aza-2-indolinone,
3-(3-methyl-2-n-propylthien-5-methylidenyl)-4-aza-2-indolinone,

3-(2-n-butylthien-5-methylidenyl)-4-aza-2-indolinone,
 3-(2-n-propylthien-5-methylidenyl)-4-aza-2-indolinone,
 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-4-aza-2-indolinone,
 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-4-aza-2-indolinone,
 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-4-aza-2-indolinone,
 3-(1-methylpyrrol-2-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(2-methylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(pyrrol-2-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(4-methylthien-2-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-[4-(2-methoxycarbonylethyl)-3-methylpyrrol-2-methylidenyl]-4-aza-5-methyl-2-indolinone,
 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(2-methylmercaptothien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(2,3-dimethylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(2-chlorothien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(2,4-dimethylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(2-nitrothien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(3-bromothien-2-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(3,4-dimethylpyrrol-2-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(2-ethylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(2,4-diethylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(4-methylmercaptothien-2-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-4-aza-5-methyl-2-indolinone,
 3-(2,4-diisopropylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(2,4-dimethylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(2-ethyl-3-methylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(2-isopropyl-3-methylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(3-methyl-2-n-propylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,

3-(2-n-butylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(2-n-propylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-4-aza-5-methyl-2-indolinone,
 3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-4-aza-5-methyl-2-indolinone,
 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-4-aza-5-methyl-2-indolinone,
 3-(thien-2-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(1-methylpyrrol-2-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(2-methylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(pyrrol-2-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(4-methylthien-2-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-[4-(2-methoxycarbonyl)ethyl]-3-methylpyrrol-2-methylidenyl]-7-aza-5-nitro-2-indolinone,
 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(2-methylmercaptothien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(2,3-dimethylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(2-chlorothien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(2,4-dimethylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(2-nitrothien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(3,4-dimethylpyrrol-2-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(2-ethylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(2,4-diethylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(4-methylmercaptothien-2-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-7-aza-5-nitro-2-indolinone,
 3-(2,4-diisopropylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(2,4-dimethylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,

Es

3-(3-bromothien-2-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(2-ethyl-3-methylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(2-isopropyl-3-methylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(3-methyl-2-n-propylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(2-n-butylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(2-n-propylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-7-aza-5-nitro-2-indolinone,
 3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-7-aza-5-nitro-2-indolinone,
 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-7-aza-5-nitro-2-indolinone,
 3-(thien-2-methylidenyl)-6-aza-2-indolinone, 3-(1-methylpyrrol-2-methylidenyl)-6-aza-2-indolinone,
 3-(2-methylthien-5-methylidenyl)-6-aza-2-indolinone,
 3-(pyrrol-2-methylidenyl)-6-aza-2-indolinone,
 3-(4-methylthien-2-methylidenyl)-6-aza-2-indolinone,
 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-6-aza-2-indolinone,
 3-[4-(2-methoxycarbonyl)ethyl]-3-methylpyrrol-2-methylidenyl]-6-aza-2-indolinone,
 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-6-aza-2-indolinone,
 3-(2-methylmercaptothien-5-methylidenyl)-6-aza-2-indolinone,
 3-(2,3-dimethylthien-5-methylidenyl)-6-aza-2-indolinone,
 3-(2-chlorothien-5-methylidenyl)-6-aza-2-indolinone,
 3-(2,4-dimethylpyrrol-5-methylidenyl)-6-aza-2-indolinone,
 3-(2-nitrothien-5-methylidenyl)-6-aza-2-indolinone,
 3-(3-bromothien-2-methylidenyl)-6-aza-2-indolinone,
 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-6-aza-2-indolinone,
 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-6-aza-2-indolinone,
 3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-6-aza-2-indolinone,
 3-(3,4-dimethylpyrrol-2-methylidenyl)-6-aza-2-indolinone,
 3-(2-ethylthien-5-methylidenyl)-6-aza-2-indolinone,

Es

3-(2,4-diethylpyrrol-5-methylidenyl)-6-aza-2-indolinone,
 3-(4-methylmercaptathien-2-methylidenyl)-6-aza-2-indolinone,
 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-6-aza-2-indolinone,
 3-(2,4-diisopropylpyrrol-5-methylidenyl)-6-aza-2-indolinone,
 3-(2,4-dimethylthien-5-methylidenyl)-6-aza-2-indolinone,
 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-6-aza-2-indolinone,
 3-(2-ethyl-3-methylthien-5-methylidenyl)-6-aza-2-indolinone,
 3-(2-isopropyl-3-methylthien-5-methylidenyl)-6-aza-2-indolinone,
 3-(3-methyl-2-n-propylthien-5-methylidenyl)-6-aza-2-indolinone,
 3-(2-n-butylthien-5-methylidenyl)-6-aza-2-indolinone,
 3-(2-n-propylthien-5-methylidenyl)-6-aza-2-indolinone,
 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-6-aza-2-indolinone,
 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-6-aza-2-
 indolinone,
 3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-6-aza-2-indolinone,
 3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-6-aza-2-indolinone,
 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-6-aza-2-indolinone,
 3-(thien-2-methylidenyl)-5-aza-2-indolinone,
 3-(1-methylpyrrol-2-methylidenyl)-5-aza-2-indolinone,
 3-(2-methylthien-5-methylidenyl)-5-aza-2-indolinone,
 3-(pyrrol-2-methylidenyl)-5-aza-2-indolinone,
 3-(4-methylthien-2-methylidenyl)-5-aza-2-indolinone,
 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-5-aza-2-indolinone,
 3-[4-(2-methoxycarbonyl)ethyl]-3-methylpyrrol-2-methylidenyl]-5-aza-2-indolinone,
 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-5-aza-2-indolinone,
 3-(2-methylmercaptathien-5-methylidenyl)-5-aza-2-indolinone,
 3-(2,3-dimethylthien-5-methylidenyl)-5-aza-2-indolinone,
 3-(2-chlorothien-5-methylidenyl)-5-aza-2-indolinone,
 3-(2,4-dimethylpyrrol-5-methylidenyl)-5-aza-2-indolinone,
 3-(2-nitrothien-5-methylidenyl)-5-aza-2-indolinone,
 3-(3-bromothien-2-methylidenyl)-5-aza-2-indolinone,
 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-5-aza-2-indolinone,
 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-5-aza-2-indolinone,

Es

3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5-aza-2-indolinone,
 3-(3,4-dimethylpyrrol-2-methylidenyl)-5-aza-2-indolinone,
 3-(2-ethylthien-5-methylidenyl)-5-aza-2-indolinone,
 3-(2,4-diethylpyrrol-5-methylidenyl)-5-aza-2-indolinone,
 3-(4-methylmercaptothien-2-methylidenyl)-5-aza-2-indolinone,
 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-5-aza-2-indolinone,
 3-(2,4-diisopropylpyrrol-5-methylidenyl)-5-aza-2-indolinone,
 3-(2,4-dimethylthien-5-methylidenyl)-5-aza-2-indolinone,
 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-5-aza-2-indolinone,
 3-(2-ethyl-3-methylthien-5-methylidenyl)-5-aza-2-indolinone,
 3-(2-isopropyl-3-methylthien-5-methylidenyl)-5-aza-2-indolinone,
 3-(3-methyl-2-n-propylthien-5-methylidenyl)-5-aza-2-indolinone,
 3-(2-n-butylthien-5-methylidenyl)-5-aza-2-indolinone,
 3-(2-n-propylthien-5-methylidenyl)-5-aza-2-indolinone,
 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5-aza-2-indolinone,
 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-5-aza-2-indolinone,
 3-[4-(1-methylpyrrol)-2-methylidenyl]-5-aza-2-indolinone,
 3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-5-aza-2-indolinone,
 3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-5-aza-2-indolinone,
 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-5-aza-2-indolinone,
 3-(thien-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(1-methylpyrrol-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(2-methylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(pyrrol-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(4-methylthien-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-[4-(2-methoxycarbonyl-ethyl)-3-methylpyrrol-2-methylidenyl]-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(2-methylmercaptothien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(2,3-dimethylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,

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3-(2-chlorothien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(2,4-dimethylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(2-nitrothien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(3-bromothien-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(3,4-dimethylpyrrol-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(2-ethylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(2,4-diethylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(4-methylmercaptothien-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(2,4-diisopropylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(2,4-dimethylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(2-ethyl-3-methylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(2-isopropyl-3-methylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(3-methyl-2-n-propylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(2-n-butylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(2-n-propylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,

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3-(thien-2-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(1-methylpyrrol-2-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(2-methylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(pyrrol-2-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(4-methylthien-2-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-[4-(2-methoxycarbonyl-ethyl)-3-methylpyrrol-2-methylidenyl]-5-amino-7-aza-2-indolinone,
 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(2-methylmercaptothien-5-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(2,3-dimethylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(2-chlorothien-5-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(2,4-dimethylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(2-nitrothien-5-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(3-bromothien-2-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(3,4-dimethylpyrrol-2-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(2-ethylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone, 3-(2,4-diethylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(4-methylmercaptothien-2-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-5-amino-7-aza-2-indolinone,
 3-(2,4-diisopropylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(2,4-dimethylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(2-ethyl-3-methylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(2-isopropyl-3-methylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(3-methyl-2-n-propylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(2-n-butylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(2-n-propylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-5-amino-7-aza-2-indolinone,

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3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-5-amino-7-aza-2-indolinone,
 3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-5-amino-7-aza-2-indolinone,
 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-5-amino-7-aza-2-indolinone,
 3-(thien-2-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(1-methylpyrrol-2-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(2-methylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(pyrrol-2-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(4-methylthien-2-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(2,4-dimethyl-3-ethoxycarbonylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-[4-(2-methoxycarbonyl)ethyl]-3-methylpyrrol-2-methylidenyl]-5-acetamido-7-aza-2-indolinone,
 3-(2,4-dimethyl-3-ethylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(2-methylmercaptothien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(2,3-dimethylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(2-chlorothien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(2,4-dimethylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(2-nitrothien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(3-bromothien-2-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(2-carboxy-4-ethyl-3-methylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(3-ethoxycarbonyl-1,2,4-trimethylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(2-ethoxycarbonyl-4-methoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(3,4-dimethylpyrrol-2-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(2-ethylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(2,4-diethylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(4-methylmercaptothien-2-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-[2-trifluoro-1-(thien-2-yl)ethylidenyl]-5-acetamido-7-aza-2-indolinone,
 3-(2,4-diisopropylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(2,4-dimethylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(2-ethyl-3-methylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(2-isopropyl-3-methylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,

3-(3-methyl-2-n-propylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(2-n-butylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(2-n-propylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(4-acetyl-2-ethoxycarbonyl-3-methylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone, 3-(4-methoxycarbonyl-3-methoxycarbonylmethyl-2-methylpyrrol-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-5-acetamido-7-aza-2-indolinone,
 3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-5-acetamido-7-aza-2-indolinone,
 3-[2-(2-carboxyethyl)-3-methylpyrrol-2-methylidenyl]-5-acetamido-7-aza-2-indolinone
 3-(2-phenylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(2-phenylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(2-phenylthien-5-methylidenyl)-6-aza-2-indolinone,
 3-(2-phenylthien-5-methylidenyl)-5-aza-2-indolinone,
 3-(2-phenylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(2-phenylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(2-phenylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(3-phenoxythien-2-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(3-phenoxythien-2-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(3-phenoxythien-2-methylidenyl)-6-aza-2-indolinone,
 3-(3-phenoxythien-2-methylidenyl)-5-aza-2-indolinone,
 3-(3-phenoxythien-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(3-phenoxythien-2-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(3-phenoxythien-2-methylidenyl)-4-aza-2-indolinone,
 3-(3-phenoxythien-2-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-[2-[1-methyl-5-(trifluoromethyl)pyrrol-3-yl]thien-5-methylidenyl]-4-aza-2-indolinone,
 3-[2-[1-methyl-3-(trifluoromethyl)pyrrol-5-yl]thien-5-methylidenyl]-4-aza-2-indolinone,
 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-4-aza-2-indolinone,
 3-(2-cyclopropyl-4-methylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,

3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-4-aza-2-indolinone,
 3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-6-aza-2-indolinone,
 3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-5-aza-2-indolinone,
 3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(2-cyclohexyl-3-methylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-4-aza-2-indolinone,
 3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-5-amino-7-aza-2-indolinone,
 3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-5-acetamido-7-aza-2-indolinone,
 3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-7-aza-5-nitro-2-indolinone,
 3-[4-(4-chlorobenzoyl)-1-methylpyrrol-2-methylidenyl]-6-aza-2-indolinone,
 3-(2-benzyl-4-methylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(2-benzyl-4-methylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(2-benzyl-4-methylthien-5-methylidenyl)-4-aza-2-indolinone,
 3-(2-benzyl-4-methylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(2-benzyl-4-methylthien-5-methylidenyl)-6-aza-2-indolinone,
 3-(2-benzyl-4-methylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(2-benzyl-4-methylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(2-benzyl-4-methylthien-5-methylidenyl)-5-aza-2-indolinone,
 3-(4-phenylethynylthien-2-methylidenyl)-4-aza-5-methyl-2-indolinone,
 3-(4-phenylethynylthien-2-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(4-phenylethynylthien-2-methylidenyl)-4-aza-2-indolinone,
 3-(4-phenylethynylthien-2-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(4-phenylethynylthien-2-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(4-phenylethynylthien-2-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(4-phenylethynylthien-2-methylidenyl)-6-aza-2-indolinone,
 3-(4-phenylethynylthien-2-methylidenyl)-5-aza-2-indolinone,
 3-(2-phenylethynylthien-5-methylidenyl)-6-aza-2-indolinone,
 3-(2-phenylethynylthien-5-methylidenyl)-5-aza-2-indolinone,
 3-(2-phenylethynylthien-5-methylidenyl)-7-aza-6-methyl-5-(pyrid-4-yl)-2-indolinone,
 3-(2-phenylethynylthien-5-methylidenyl)-5-amino-7-aza-2-indolinone,
 3-(2-phenylethynylthien-5-methylidenyl)-5-acetamido-7-aza-2-indolinone,
 3-(2-phenylethynylthien-5-methylidenyl)-7-aza-5-nitro-2-indolinone,
 3-(2-phenylethynylthien-5-methylidenyl)-4-aza-2-indolinone,

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Es 3-(2-phenylethynylthien-5-methylidenyl)-4-aza-5-methyl-2-indolinone, and
3-(2-phenylthien-5-methylidenyl)-4-aza-2-indolinone.
